

52. (New) A method according to claim 44, wherein said substrate is a fiber optic bundle.

53. (New) A method according to claim 44, wherein said substrate is selected from the group consisting of glass and plastic.

54. (New) A method according to claim 44, wherein said sites are wells.

55. (New) A method according to claim 39 or 44, wherein said bead is covalently attached to the well.

56. (New) A method according to claim 39 or 44, wherein said bead is non-covalently attached to the well.

57. (New) A method according to claim 39 or 44, wherein said bioactive agent is a nucleic acid.

#### REMARKS

Claims 1-23 have been canceled. Claims 24-57 are newly added. A copy of the "Claims Showing the Changes Made" is attached for the Examiner's convenience.

Support for new claims 24, 25, 45, and 50 is found on page 8, lines 28-29, page 7, lines 6-13 and line 22. Support for new claim 24, 32, 45, and 50 is found throughout the specification for example on page 7, lines 6-13 and line 22. Support for new claims 26 and 46 is found in the originally filed claim 3. Support for new claims 27, 49, and 53 is found in the originally filed claim 4. Support for new claims 29-30 is found in the originally filed claims 8-9. Support for new claim 31 is found throughout the specification, and in the originally filed claim 7. Support for new claims 32 is found in the originally filed claim 10. Support for new claims 43-44 is found on page 9, lines 20-25. Support for new claim 33 is found throughout the specification, for example at p. 6, lines 16 through 20 and 21 through 25. Furthermore, support is found at page 8, lines 20

through 25 and p. 10, lines 10 through 15. Support for new claims 34-39 can be found in claims 13-18, respectively, as originally filed. Support for new claims 46-47 can be found in claims 20-21, respectively, as originally filed. Support for new claims 48 and 54 is found throughout the specification, see for example "Summary of the Invention" at page 4 lines 27-28. Support for new claim 51 is found throughout the specification, and in the originally filed claim 23. Support for new claims 55-56 is found on page 9, lines 20-25. Support for new claim 57 is found throughout the specification, and in the originally filed claim 7.

The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1300 (Our Order No. A-67209-6/RMS/DFC/SRN).

Please direct any calls in connection with this application to the undersigned at (415) 781-1989.

Dated:                     

Respectfully submitted,

FLEHR, HOHBACH, TEST,  
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By                                     

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